



BEST AVAILABLE COPY

#151C
W3
1/88/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: M.P. Galligan et al : GROUP ART UNIT: 1754
SERIAL NO: 09/293,216 :
FILING DATE: April 16, 1999 : EXAMINER: N.M. Nguyen
TITLE: CATALYST MEMBERS HAVING :
ELECTRIC ARC SPRAYED SUBSTRATES : ATTY DKT: 4339/4358A
AND METHODS OF MAKING THE SAME : (P-1572-1)

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, DC 20231

December 13, 2001

RECEIVED
JAN 25 2002
TC 1700

Dear Sir:

This paper is responsive to the office action mailed August 14, 2001 in which claims 22-33 and 40-47 were placed under final rejection under 35 USC 102 and 35 USC 103. In addition, the specification has been objected to.

Please amend the above-captioned application as follows.

In The Specification

The paragraph at page 16 of the specification, amended in Applicants' response to the office action mailed August 29, 2000, is further amended to read as follows. Attached hereto as a separate page is a copy of the paragraph in which the change is shown by bracket and underlining.

--There is a dramatic difference in the surface of an anchor layer applied in accordance with the present invention as compared to the surface of a metal substrate without the anchor layer. Figures 1A through 1D are photomicrographs of a foamed metal substrate taken at a variety of magnification levels. These Figures show that the substrate has a three-dimensional web-like structure having smooth surfaces. By comparison, photomicrographs of a foamed metal substrate taken at corresponding and higher magnification levels after an anchor layer has been electric-arc sprayed thereon show the roughened surface that results from electric-arc spraying an anchor layer onto a substrate as taught herein. For example, Figures 2A, 2B and